Name:_____ Date:_____ Period:_____

Addition and Subtraction of Fractions with Unlike Denominators

Is one a factor of the other?

$\frac{1}{b}+\frac{1}{5b}$ $\frac{\mathbf{5}}{\mathbf{5}}\cdot\frac{1}{b}+\frac{1}{5b}$ $\frac{5}{\mathbf{5b}}+\frac{1}{\mathbf{5b}}$ $\frac{5+1}{\mathbf{5b}}=\frac{6}{5b}$ b is a factor of 5b.	$\frac{1}{5}+\frac{1}{15}$ $\frac{\mathbf{3}}{\mathbf{3}}\cdot\frac{1}{5}+\frac{1}{15}$ $\frac{3}{\mathbf{15}}+\frac{1}{\mathbf{15}}$ $\frac{3+1}{\mathbf{15}}=\frac{4}{15}$ 5 is a factor of 15.

1	$\frac{2}{3}+\frac{1}{15}$ Is (3) a factor of (15), yes!	2	$\frac{3}{4}-\frac{1}{12}$ Is ( ) a factor of ( ), yes!
$\frac{2}{3}+\frac{1}{15}$ $\frac{\mathbf{5}}{\mathbf{5}}\cdot\frac{2}{3}+\frac{1}{15}$ Complete it.			

3	$\frac{1}{4}+\frac{1}{16}$ Is ( ) a factor of ( ), yes!	4	$\frac{4}{9}-\frac{1}{3}$ Is ( ) a factor of ( ), yes!